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to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is earnestly solicited.

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT OF THE DISCLOSURE

The Abstract of the Disclosure has been amended as follows:

--[Disclosed is an] An audio and video reproduction apparatus including a [head mounted] head-mounted display for converting a received video signal into an image to be presented to a [listener/watcher] user; a pair of acoustic transducers each used for converting an audio signal into a sound to present to the [listener/watcher] user; [detection means] a detector for detecting an orientation of the head of the [listener/watcher] user; an image-changing [means] circuit for changing the video signal supplied to the head mounted display in accordance with [an] the orientation of the head of the [listener/watcher] user; and a sound-image localization [processing means] processor for changing [an] a sound-image localized position of an audio signal reproduced by the acoustic transducers[,] in accordance with [an] the detected orientation of the head of the [listener/watcher] user.-

IN THE CLAIMS

Claims 1-11 have been amended as follows:

- --1. (Amended) An audio and video reproduction apparatus, comprising:
 - a [head mounted] head-mounted display for converting a

video signal into an image to present to a [listener/watcher]
user:

a pair of acoustic transducers each used for converting an audio signal into a sound to present to [said listener/watcher] the user;

detection means for detecting an orientation of the head of [said listener/watcher] the user;

image-changing means for changing [said] the video signal supplied to [said head mounted] the head-mounted display in accordance with [an] the orientation of the head of the [listener/watcher] user; and

sound-image localization processing means for changing
[an] a sound-image localized position of [an] the audio signal reproduced by [said] the acoustic transducers[;] in accordance with [an] the orientation of the head of [said listener/watcher] the user.

- --2. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the pair of [the] acoustic transducers are one of headphones mounted on the head of [said listener/watcher or] the user and a pair of earphones attached to [the] ears of [said listener/watcher] the user.
- --3. (Amended) [An] <u>The</u> audio and video reproduction apparatus according to claim 1, wherein [said] <u>the</u> pair of [the] acoustic transducers are speakers provided at positions

close to the ears of [said listener/watcher] the user.

- --4. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the detection means comprises a sensor mounted on the head of [said listener/watcher] the user and a conversion unit for converting a detection signal generated by [said] the sensor into a signal representing the orientation of the head of [said listener/watcher] the user.
- --5. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the image-changing means is a cut-out circuit for extracting a video signal representing an image stretched over a visual-field range visible to [said listener/watcher by means of said head mounted] the user via the head-mounted display from a video signal representing an image stretched over a range wider than [said] the visual-field range in accordance with [an] the orientation of the head of [said listener/watcher] the user.
- --6. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the image-changing means is a cut-out circuit for extracting a video signal representing an image stretched over a visual-field range of [said listener/watcher] the user from a video signal representing an image stretched over a 360-degree range

surrounding [said listener/watcher] the user in accordance with [an] the orientation of the head of [said listener/watcher] the user.

- --7. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the image-changing means is a video synthesis circuit for synthesizing video signals representing images stretched over a visual-field range visible to [said listener/watcher by means of said head mounted] the user via the head-mounted display in accordance with [an] the orientation of the head of [said listener/watcher] the user.
- --8. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the sound-image localization processing means [carries out] performs sound-image localization processing based on transfer functions from a sound-image localized position of [said] the audio signal to [the] ears of [said listener/watcher] the user to produce [said] the audio signal[, which]; and the audio signal is supplied to [said] the pair of [the] acoustic transducers as if [said] the audio signal were localized at [said sound image] the sound-image localized position.
- --9. (Amended) [An] <u>The</u> audio and video reproduction apparatus according to claim 1, wherein [said] <u>the</u> sound-image localization processing means converts an audio signal

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representing a sound covering a 360-degree range surrounding [said listener/watcher] the user into an audio signal[, which] that is supplied to [said] the pair of [the] acoustic transducers as a reproduction signal as if [said] the reproduced sound image were localized outside the head of the [listener/watcher] user.

- --10. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the video signal supplied to [said head mounted] the head-mounted display and [said] the audio signals supplied to [said] the acoustic transducers are reproduced from a recording medium.
- --11. (Amended) [An] The audio and video reproduction apparatus according to claim 1, wherein [said] the video signal supplied to [said head mounted] the head-mounted display and [said] the audio signals supplied to [said] the acoustic transducers are received from a network in [a real-time manner] real time.--